



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/907,364	07/17/2001	Bo Su Chen	M40 01375 US	6467
128	7590	05/26/2004	EXAMINER	
HONEYWELL INTERNATIONAL INC. 101 COLUMBIA ROAD P O BOX 2245 MORRISTOWN, NJ 07962-2245			TUREMAN, JARED	
		ART UNIT	PAPER NUMBER	2876

DATE MAILED: 05/26/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Advisory Action</b>	<b>Application No.</b>	<b>Applicant(s)</b>
	09/907,364	CHEN, BO SU
	<b>Examiner</b>	<b>Art Unit</b>
	Jared J. Fureman	2876

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

THE REPLY FILED 03 May 2004 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

**PERIOD FOR REPLY [check either a) or b)]**

- a)  The period for reply expires \_\_\_\_\_ months from the mailing date of the final rejection.
- b)  The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.  
ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

- 1.  A Notice of Appeal was filed on \_\_\_\_\_. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.
- 2.  The proposed amendment(s) will not be entered because:
  - (a)  they raise new issues that would require further consideration and/or search (see NOTE below);
  - (b)  they raise the issue of new matter (see Note below);
  - (c)  they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
  - (d)  they present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: See Continuation Sheet.

- 3.  Applicant's reply has overcome the following rejection(s): \_\_\_\_\_.
- 4.  Newly proposed or amended claim(s) \_\_\_\_\_ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
- 5.  The a) affidavit, b) exhibit, or c) request for reconsideration has been considered but does NOT place the application in condition for allowance because: See Continuation Sheet.
- 6.  The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.
- 7.  For purposes of Appeal, the proposed amendment(s) a) will not be entered or b) will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: \_\_\_\_\_.

Claim(s) objected to: \_\_\_\_\_.

Claim(s) rejected: 1,3-14, 16-19 and 21-32.

Claim(s) withdrawn from consideration: \_\_\_\_\_.

- 8.  The drawing correction filed on \_\_\_\_\_ is a) approved or b) disapproved by the Examiner.
- 9.  Note the attached Information Disclosure Statement(s) (PTO-1449) Paper No(s). \_\_\_\_\_.
- 10.  Other: See Continuation Sheet

*Jared J. Fureman*  
Jared J. Fureman  
Examiner  
Art Unit: 2876

Continuation of 2. NOTE: Re claim 1: "towards identically encoded portions formed on planar surfaces formed on and located near inner perimeter surfaces of two disks independently rotatable on two shafts representing input and output mechanism of the system", "towards a detector from", "using the detector", "including torque between the two shafts"; re claim 11: "including two rotating disks independently attached to facing end of input and output shafts and a torsion bar interconnecting the input and output shafts", "associated with said encoded portion", "includes data about torque between the input and output shafts"; re claim 17: "a first encoded portion", "a surface of", "said first encoded portion facing a second encoded portion located on a surface of a second rotating member, said first and second encoded portions used", "images created using"; raises new issues that would require further consideration and/or search.

Continuation of 5. does NOT place the application in condition for allowance because: Cui is available as prior art under 35 USC 103 via 102(e). U.S. patents may be used as of their filing dates to show that the claimed subject matter is anticipated or obvious (see MPE 2136.02, under the heading "THE SUPREME COURT HAS AUTHORIZED 35 U.S.C. 103 REJECTIONS BASED ON 35 U.S.C. 102(e)". The teachings of Pinnock, Cui et al and Burke, Jr meet the claimed limitations.

Continuation of 10. Other: Claims 1, 3-14, 16-19 and 21-32 remain rejected as set forth in the final office action (see paper # 020904)..